

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 12:49 PM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 278 Const Calendar Day: 682 Date: 17-Apr-2014 Thursday

Inspector Name: Liu, Tai-Lin Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 AM 04:30 PM Break: 00:30 Over Time: 01:00

Federal ID:

Location:

Reviewer: Awal, Mohammad Approved Date: 21-May-14 Status: Approved

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather**

Temperature 7 AM 60 - 70 12 PM 70 - 80 4PM 70 - 80

Precipitation Condition Clear

Working Day ☒ If no, explain:**Diary:**

Dispute

**Tower Activites**

04-17-14, Thursday, Day Shift: 07:00 AM - 04:30 PM, Clear: 58 - 74 F

Attended Safety Stand-down meeting this morning (4 hours) from 8:00 Am to 11:55 AM this morning. During Safety Stand-down meeting, Mohammad told me that ABF was performing concrete crack repair on Tower Fender System. He asked me to go there for inspection. I had a 10 minus quick lunch and went to Tower Fender system.

At field, saw one Conco labor - Hernan Duran performing paste over epoxy on crack concrete slab on tower fender system. Hernan told me , he started at 6:00 AM and will end 2 PM today ( 8 hours) for this operation today (See pictures).

**Concrete Cracked Length Calculation on Tower Fender System First Set @ 4/17/14:**

Line 01: #WN01: 300 + 88 = 388 cm; (First Pour Slab)  
Line 02: #WN02: 220 + 220 = 440 cm; (First Pour Slab)  
Line 03: #WN03: 300 + 60 = 360 cm; (First Pour Slab)  
Line 04: #WN04: 215 + 190 = 405 cm; (First Pour Slab)  
Line 05: #WN05: 180 + 220 x 2 = 620 cm; (2nd Pour Slab)  
Line 06: #WN06: 220 + 210 = 430 cm; (First Pour Slab)  
Line 07: #NE07: 210 + 170 = 380 cm; (2nd Pour Slab)  
Line 08: #NE08: = 205 cm; (2nd Pour Slab)  
Line 09: #NE09: 300 + 90 + 55 = 445 cm; (First Pour Slab)  
Line 10: #NE10: 220 + 150 = 370 cm; (First Pour Slab)  
Line 11: #NE11: 210 + 170 = 380 cm; (2nd Pour Slab)  
Line 12: #NE12: = 270 cm; (2nd Pour Slab)  
Line 13: #E13 : 220 + 170 = 390 cm; (First Pour Slab)  
Line 14: #ES14: 220 + 140 = 360 cm; (First Pour Slab)  
Line 15: #ES15: 220 + 100 = 320 cm; (First Pour Slab)  
Line 16: #ES16: 220 + 120 = 340 cm; (First Pour Slab)  
Line 17: #ES17: = 200 cm; (2nd Pour Slab)  
Line 18: #S18 : 220 + 180 = 400 cm; (First Pour Slab)  
Line 19: #S19 : 220 + 180 = 400 cm; (First Pour Slab)  
Line 20: #SW20: = 200 cm; (2nd Pour Slab)  
Line 21: #SW21: 50 + 150 x 2 = 350 cm; (First Pour Slab)  
Line 22: #SW22: 220+ 150 = 370 cm; (First Pour Slab)  
Line 23: #SW23: 150 + 150 = 300 cm; (First Pour Slab)



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Line 24: #SW24: 210+100+100 = 410 cm, (2nd Pour Slab)  
 Line 25: #W25 : 210 + 50 = 260 cm; (First Pour Slab)  
 Line 26: #W26: 210 + 220 + 210 = 640 cm, (3 Lines in 2nd Pour Slab)

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 Total Length = 9633 cm = 316 ft

Mohammad showed up around 2:00 PM, we talked about operation he also talked to Hernan regarding the way he performed. He used 3 bottles of caulking pastes today. Total around 26 cracks have been repaired (around 316 ft long as caulution above), There are lots of area covered by the equipments, so Conco need come back to check and repair the crack area after removing the equipments from concrete slabs. Tom showed up around 2:30 PM to watch Tower skirt and painting on tower base operations. At field also saw Martin in the field. He was watching elevator operation & taking pictures. Saw METS painting inspector Joe. There were 3 IRWs worked on Tower skirt area.

Martin & I left field around 3:00 PM. Martin also asked me for the last few days' field pictures for his field picture report. Back Pier 7 around 3:30 PM, download pictures and sent to Martin and went home around 4:30 PM.

Performed OT = 1 hour today.

**04-0120F4    Bid Item: 053    T-L01-DSE.053    Tower Lift 01 Diaphragm Tower SE Erect structural steel (bridge tower)**

AMERICAN BRIDGE/FLUOR, A JV

### Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	Zach MacDonald	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	DONALD PLUMB	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	CHRISTOPHER BOWLES	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	APP	JOSE TORRES	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	MAN CHUN MA	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	BRENDON CHAPMAN	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Welder	APP	Reggie Humphry	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Operator	JNM	JUSTIN GARRETT	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	MICHAEL JIMENEZ	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	FOR	RICHARD GARCIA	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	APP	Tony Miranda	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	PAUL FAMBRINI	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	GUOWU CHEN	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	RANDY CLAYBORN	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	ERNEST CONNER	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	APP	KYLE CROWLEY	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	FOR	ERIC SPARKS	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	STANLEY DALIE	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Safety Coordinator	OTH	GREG ANDERSON	0.00	0.00	0.00	0.00		<input type="checkbox"/>

### Equipment

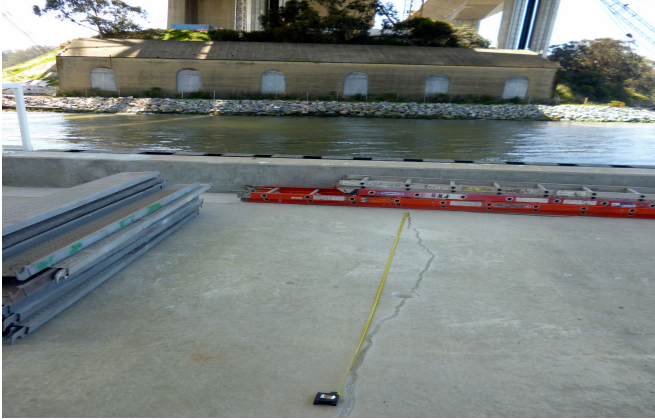
Equipment ID	Description	RT Hrs	OT Hrs	ST Hrs	IT Hrs	Rental Company	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
*E0020562	WELDING EQUIPMENT	0.00	0.00	0.00	0.00	No		<input type="checkbox"/>
*E0030562	WELDING EQUIPMENT	0.00	0.00	0.00	0.00	No		<input type="checkbox"/>
*E0010562	WELDING EQUIPMENT	0.00	0.00	0.00	0.00	No		<input type="checkbox"/>
2292	WELDER, 600 AMP	0.00	0.00	0.00	0.00	No		<input type="checkbox"/>

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2293	WELDER, 600 AMP					No	
		0.00	0.00	0.00	0.00		<input type="checkbox"/>

### Attachment



Crack length measurement



Hernan (Conco) performed crack repair



All the stuff on top of the slab need to be removed for concrete crack repair



Conco - Hernan performed paste-over epoxy repair



Crack Repair Kit used



Repaired crack length & length measurement



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Concrete area covered by equipment & other stuff



IRWs worked tower skirt installation at east side